

766.56

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                     |   |                            |
|-------------------------------------|---|----------------------------|
| In re Application of:               | ) |                            |
|                                     | : | Examiner: Not Yet Assigned |
| HIROFUMI HAMADA                     | ) |                            |
|                                     | : | Group Art Unit:            |
| Application No.: (National Phase of | ) |                            |
| PCT Application No. PCT/JP00/01069) | : |                            |
|                                     | ) |                            |
| Filed: Currently herewith           | : |                            |
|                                     | ) |                            |
| For: VIRUS VECTOR                   | : | August 23, 2001            |

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

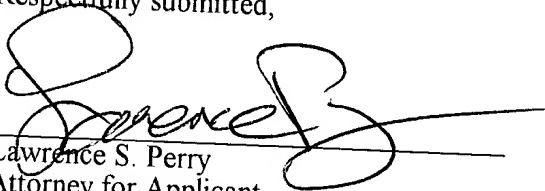
In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

09/914151  
518 Rec'd PCT/PTO 24 AUG 2001

Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Lawrence S. Perry  
Attorney for Applicant  
Registration No. 31,865

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

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|---|--|--|---------|--|-------|---|---------------------------------------|
| FORM PTO 1449 (modified)<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>LIST OF REFERENCES CITED BY APPLICANT(S)<br>(Use several sheets if necessary) |  |  |         | ATTY DOCKET NO.<br><b>766.56</b>         |       | APPLICATION NO.<br><b>09/914151</b><br>(Not Yet Assigned) |                                       |
|   |  |  |         | APPLICANT<br><b>Hirofumi Hamada</b>      |       |   |                                       |
|   |  |  |         | FILING DATE<br><b>Currently herewith</b> |       | GROUP<br><b>N/Y/A</b>                                     |                                       |
| U.S. PATENT DOCUMENTS   |  |  |         |  |       |   |                                       |
| *EXAMINER<br>INITIAL  |  | DOCUMENT<br>NUMBER   | DATE    | NAME                                     | CLASS | SUBCLASS  | FILING DATE<br>IF APPROPRIATE         |
|   |  |  |         |  |       |   |                                       |
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| FOREIGN PATENT DOCUMENTS  |  |  |         |  |       |   |                                       |
|   |  | DOCUMENT<br>NUMBER   | DATE    | COUNTRY                                  | CLASS | SUBCLASS  | TRANSLATION<br>YES/NO/<br>OR ABSTRACT |
|   |  | WO 98/54346  | 12/3/98 | PCT                                      |       |   |                                       |
|   |  | WO 98/44121  | 10/8/98 | PCT                                      |       |   |                                       |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)  |  |  |         |  |       |   |                                       |
|   |  | Chroboczek, et al., "The Sequence of Adenovirus Fiber: Similarities..." Virology, Vol. 161 (1987), pages 549-554.                          |         |  |       |   |                                       |
|   |  | Shinoura, et al., "Adenovirus-mediated Transfer of p33 <sup>ING1</sup> with..." Cancer Research, Vol. 59 (1999), pages 5521-5528.          |         |  |       |   |                                       |
|   |  | Yamaguchi, et al., "Enhancement of retrovirus-mediated gene..." Nucleic Acids Research, Vol. 23, No. 11 (1995), pages 2080-2081.           |         |  |       |   |                                       |
|   |  | Wong, et al., "Binding and Internalization of the Melanocyte..." Int. J. Biochem. Cell Biol., Vol. 28, No. 11, pages 1223-1232.            |         |  |       |   |                                       |
|   |  | Siegrist, et al., "Characterization of Receptors for α-Melanocyte-stimulating..." Cancer Research, Vol. 49 (1989), pages 6352-6358.        |         |  |       |   |                                       |
|   |  | Yoshida, et al., "Generation of Fiber-Mutant Recombinant Adenoviruses..." Human Gene Therapy, Vol. 9, No. 17 (1998), pages 2503-2515.      |         |  |       |   |                                       |
|   |  | Wickham, et al., "Increased In Vitro and In Vivo Gene..." Journal of Virology, Vol. 71, No. 11 (1997), pages 8221-8229.                    |         |  |       |   |                                       |
|   |  | Dmitriev, et al., "An Adenovirus Vector with Genetically Modified Fibers..." Journal of Virology, Vol. 72, No. 12 (1998), pages 9706-9713. |         |  |       |   |                                       |
|   |  | Jiang, et al., "Cell-Type-Specific Gene Transfer into Human Cells..." Journal of Virology, Vol. 72, No. 12 (1998), pages 10148-10156.      |         |  |       |   |                                       |
|   |  | Laquerre, et al., Recombinant Herpes Simplex Virus Type 1..." Journal of Virology, Vol. 72, No. 12 (1998), pages 9683-9697.                |         |  |       |   |                                       |
| EXAMINER  |  |  |         | DATE CONSIDERED                          |       |   |                                       |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.